

1. A curable covercoat composition comprising, based on the total weight of the curable covercoat composition:

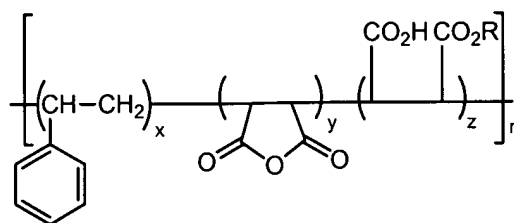
about 5 to about 95 weight % of an esterified styrene maleic anhydride oligomer, wherein the ester groups comprises an acrylate functionality, a methacrylate functionality, or both;

about 0.02 weight % to about 16 weight % of a photoinitiator composition;

and

about 1 weight % to about 50 weight % of a curing agent.

2. The curable covercoat composition of claim 1, wherein the esterified styrene maleic anhydride oligomer has the structure



(II)

wherein

n is about 2 to about 20;

x is about 1 to about 4;

the molar ratio of x:(y+z) is about 4:1 to about 1:4;

y is about 0.1 to about 0.9, z is about 0.1 to about 0.9, wherein (y+z) is

1; and

R is a moiety containing an acrylate functionality, a methacrylate functionality, or both.

3. The curable covercoat composition of claim 1, wherein the esterified styrene maleic anhydride oligomer has a molecular weight of about 1,000 grams/mole to about 13,000 grams/mole.

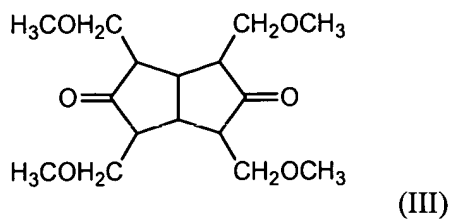
4. The curable covercoat composition of claim 1, wherein the esterified styrene maleic anhydride is present in an amount of about 10 weight % to about 90 weight %, based on the total weight of the curable covercoat composition.

5. The curable covercoat composition of claim 1, wherein the photoinitiator composition is present in an amount of about 0.1 weight% to about 10 weight%, based on the total weight of the curable covercoat composition.

6. The curable covercoat composition of claim 1, wherein the curing agent is a melamine compound, a bisphenol A compound, a glycoluril compound, a diamine compound, a triazene compound, a benzoguanamine compound, an oxazoline compound, or a combination comprising at least one of the foregoing curing agents.

7. The curable covercoat composition of claim 1, wherein the curing agent is an alkylated melamine formaldehyde resin.

8. The curable covercoat composition of claim 1, wherein the curing agent is a glycoluril curing agent having the structure



9. The curable covercoat composition of claim 1, wherein the curing agent is present in an amount of about 3 weight % to about 20 weight %, based on the total weight of the curable covercoat composition.

10. The curable covercoat composition of claim 1, further comprising, based on the total weight of the curable covercoat composition, up to about 50 weight% of a solvent, up to about 50 weight% of a detackifying agent, and up to about 20 weight% of a filler, or a combination comprising one or more of the foregoing additives.

11. The curable covercoat composition of embodiment 1, wherein the curable covercoat composition, when cured using UV light, produces a cured covercoat having an elongation to break of greater than about 10%.

12. The curable covercoat composition of claim 1, wherein the curable covercoat composition is a two-part composition comprising a base composition and a hardener composition, wherein the base composition comprises the esterified styrene maleic anhydride oligomer and the photoinitiator composition, and the hardener composition comprises the curing agent.

13. The curable covercoat composition of claim 12, wherein the base composition further comprises a pigment, a filler, a viscosity modifier, an air release agent, a leveling agent, a solvent, or a combination of one or more of the foregoing additives.

14. The curable covercoat composition of claim 12, wherein the hardener composition further comprises a catalyst, a filler, a viscosity modifier, a solvent, a detackifying agent, or a combination of one or more of the foregoing additives.

15. A method of forming a cured covercoat comprising:
coating an object with a curable covercoat composition comprising
an esterified styrene maleic anhydride oligomer,
a photoinitiator composition, and
a curing agent to form a film; and
curing the film using a source of radiation.

16. The method of Claim 15, further comprising:
placing a mask on the film prior to curing the film and protecting portions of the film from the source of radiation; and
contacting the film with a developer solution after curing the film to produce a patterned cured covercoat.

17. The method of claim 15, wherein the source of radiation is UV radiation.

18. An article manufactured from the composition of claim 1.
19. An article manufactured by the method of claim 15.